

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

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| Applicant's or agent's file reference PCT-123 | FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below. | |
| International application No. PCT/KR01/00160 | International filing date (<i>day/month/year</i>) 05 FEBRUARY 2001 (05.02.2001) | (Earliest) Priority Date (<i>day/month/year</i>) 16 MAY 2000 (16.05.2000) |
| Applicant HAN SEUNG FOOD CO., LTD. et al | | |

This International search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. ☐ Certain claims were found unsearchable (See Box I).

3. ☐ Unity of invention is lacking (See Box II).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawing to be published with the abstract is Figure No. _____

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☒ None of the figures.

(19) World Intellectual Property Organization
International Bureau



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2000/26152 16 May 2000 (16.05.2000) KR
- (71) Applicant (for all designated States except US): HAN SEUNG FOOD CO., LTD. [KR/KR]; 222-69 Nae-Dong, Ojung-Gu, Bucheon-City, Kyungki-Do 421-160 (KR).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): KIM, Soon, Ja [KR/KR]; 1405-Dong Yonhwamaul, Joung-Dong, 1101, Bucheon-City, Kyungki-Do 420-020 (KR).
- (74) Agent: SUH, Sang, Wook; 7th Floor, Shin Joong Ang Building, 646-9, Youk Sam-Dong, Gangnam-Gu, Seoul 135-080 (KR).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
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- Published:
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PROCESS OF BEAK-NUN-CHO WHITE KIMCHI FOR STAMINA

(57) Abstract: Disclosed is a method for preparing health-aid white kimchi containing *Opuntia ficus indica*. About 51.5 parts by weight of half-cut Chinese cabbages whose outer leaves are trimmed off are immersed in about 8% saline for about 12 hours and rinsed with water, followed by dewatering. About 9.3 parts by weight of radish is cut into segments, and mixed with about 1 part by weight of clove onion pieces about 4 cm long, about 1 part by weight of dropwort stem pieces about 4 cm long, about 3 parts by weight of apple pieces, about 3 parts by weight of pear pieces, about 0.5 part by weight of chestnut pieces, about 2 parts by weight of carrot pieces, about 2 parts by weight of onion pieces, about 0.5 part by weight of *Opuntia ficus indica* pieces about 0.2 mm thick, about 0.1 part by weight of red pepper sections about 0.3 cm thick, about 0.3 part by weight of jujube flesh slices, about 3 parts by weight of crushed garlic, and about 1 part by weight of crushed ginger, along with about 0.3 part by weight of salt. The resulting radish segment mass is applied to each leaf of the cabbage, after which the cabbage is wrapped with its outer leaves and soaked in soured water. The white kimchi is beneficial to the health of the body owing to its containing *Opuntia ficus indica*, and has a good flavor, thereby making a contribution to an improvement in the national diet, as well as becoming a globalized food.

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A. CLASSIFICATION OF SUBJECT MATTER**IPC7 A23B 7/10, A23L 1/212**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 A23B7/00, 7/10; A23L1/212, 1/218, 1/22; A61K35/78

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean patents and applications for inventions since 1975Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
NPS**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| X | KR 2000-12492 A (JAE-JUNG, KWON) 3 March 2000 the whole document | 1-3 |
| Y | JP 59-91856 A (IWASAKI SYUSAN) 26 May 1984 page 2, line 8 - page 3, line 15 | 1-3 |
| Y | US 5869116 A (Byong W. Yoo) 9 February 1999 column 1, line 4 - line 41 | 1-3 |
| Y | JP 7-213225 (YOKOSUKA TOSHIE) 15 August 1995 paragraph [0002] | 1-3 |
| Y | KR 1999-75837 A (BUKJAEJUGUN) 15 December 1999 page 2, line 29 - page 3, line 1; page 3, line 3 - line 25 | 1-3 |
| A | KR 137081 B1 (DUSAN BEVERAGE Ltd.) 3 February 1998 the whole document | 1-3 |



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

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Korean Intellectual Property Office
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Metropolitan City 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

HONG, Soon Pyo

Telephone No. 82-42-481-5630



INTERNATIONAL SEARCH REPORT

Information on patent family members

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PCT/KR01/00160

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date

US 5869116

9. 2. 1999

US 5976584

2. 11. 1999